

**Size:** 63.3 acres

**Mission:** As the Navy's Quarterdeck in the Washington area, provide resources, including administrative space, housing, training facilities, logistical support, and supplies, for Washington Navy Yard tenants and other assigned units

**HRS Score:** 48.57; placed on NPL in July 1998

**IAG Status:** Federal Facility Agreement under negotiation

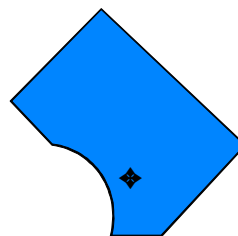
**Contaminants:** PCBs, pesticides, solvents, and metals

**Media Affected:** Groundwater, surface water, sediment, and soil

**Funding to Date:** \$8.5 million

**Estimated Cost to Completion (Completion Year):** \$13.1 million (FY2009)

**Final Remedy in Place or Response Complete Date for All Sites:** FY2008



Washington, D.C.

## Restoration Background

Investigations at the Washington Navy Yard have identified 14 sites, including 3 leaking underground storage tank (UST) sites. Contaminants released from past storage and disposal operations at the installation may have migrated to shallow and deep aquifers and the Anacostia River.

A RCRA Consent Order was signed in July 1997 and dictates specific investigative actions and Interim Actions to be taken by the Navy. In FY97, the installation's UST program completed corrective action plans for two sites.

## FY98 Restoration Progress

In April 1998, the Navy and Earthjustice, the legal defense portion of the Sierra Club, signed a Consent Decree that adds additional investigative and reporting requirements for the Navy. In July, the Washington Navy Yard was placed on the National Priorities List (NPL).

Currently, a Federal Facility Agreement (FFA) under CERCLA is being negotiated with EPA Region 3 and the District of Columbia. As part of the negotiations, the District of Columbia has suggested adding 30 areas of concern that were identified as requiring additional investigation or remediation. EPA Region 3 has identified eight locations that need to be investigated. Subsequent negotiations with the District of Columbia and EPA have reduced the number of additional sites requiring investigation to fewer than 15.

A corrective action management plan (CAMP) was developed and approved for FY99. The CAMP outlines all projects and schedules to ensure that all sites comply with the RCRA Consent Order. The first update of the CAMP was submitted to EPA Region 3 and the District

of Columbia Environmental Health Administration. In addition, work plans were developed and reviewed for the RCRA Facility Investigation (RFI) of basewide groundwater and Site 16, a former dive shop area where mercury was detected during an unrelated UST investigation. The basewide RFI constitutes the major portion of the first phase of investigation.

To minimize potential exposure of the Anacostia River, the installation has completed Removal Actions for Sites 6 and 14, which both contained polychlorinated biphenyl (PCB)-contaminated soil. Final closure reports for the two sites have been completed. In addition, the site assessment phase was completed for one UST site, which was determined to require no further action. An Interim Action work plan for the cleaning and assessment of the storm sewer system was completed, and the work was performed.

The installation also formed a Restoration Advisory Board (RAB), completed a community relations plan, and established four information repositories and an administrative record. RAB members were trained in RCRA and CERCLA processes, relative risk rankings, field sampling methods, and uses of the geographic information system (GIS). Regulators and RAB members participated in site visits and work functions. Monthly RAB meetings have included program status updates, discussion of the availability of documents for public review, EPA and local community perspectives, and other general environmental issues.

## Plan of Action

- Finalize work plans for basewide and Site 16 RFIs in FY99
- Begin field investigation of basewide groundwater and Anacostia River sediment in FY99
- Begin field investigation of Site 16 mercury contamination and draft an Engineering Evaluation and Cost Analysis (EE/CA) in FY99
- Finalize EE/CA and Action Memorandum for Site 10 in FY99
- Begin rehabilitation of storm sewer system in FY99
- Finalize the work plans for removal site evaluations at Sites 7, 11, and 13 in FY99
- Begin EE/CAs for Sites 7, 11, and 13, as necessary, in FY99
- Negotiate FFA with EPA and the District of Columbia in FY99
- Draft a site management plan for CERCLA-based investigations in FY99
- Implement corrective actions at two UST sites in FY99

## FY99 FUNDING BY PHASE AND RELATIVE RISK

